

In the Claims:

1. (withdrawn)

2. (withdrawn)

3. (withdrawn)

4. (withdrawn)

5. (withdrawn)

6. (currently amended) A method for stimulating production of antibodies with catalytic activity comprising: a) administering to a test subject, an immunogenic amount of a covalently reactive antigen analog (CRAA); b) repeating step a) as necessary to ensure effective antibody production; and c) isolating and purifying said antibodies.

7. (withdrawn)

8. (original) A method of stimulating production of catalytic antibodies as claimed in claim 6, wherein an immunogenic amount of a transition state analog (TSA) is coadministered with said CRAA.

9. (withdrawn)

10. (withdrawn)

11. (withdrawn)

12. (currently amended) A method for passively immunizing a patient, comprising:

a) administering to said patient a catalytic antibody specific for an antigen associated with a medical disorder diagnosed in said patient, said catalytic antibody being produced by the method of claim 6;

b) repeating step a) as necessary to maintain immunity; and

c) assessing said patient's sera for the presence of catalytic antibodies.

13. (currently amended) A method for actively immunizing a patient, against a microbial infection, comprising:

a) complexing a covalently reactive antigen analog (CRAA) comprising an immunogenic microbial epitope from an infectious organism with an adjuvant, said CRAA-epitope-adjuvant complex comprising a vaccine;

b) administering said vaccine to said patient in a dose in the range of 100-1000 micrograms/kg body weight;

c) administering at least one booster injection, said at least one booster injections being administered at four week intervals; and

d) assessing said patient's sera for the presence of catalytic antibodies against said microbial epitope.

In the Drawings:

Provided on separated sheets are replacement for drawing sheet 1 which includes Figures 1 and 4, and a marked up version showing the changes.